20T120 6TTh200T

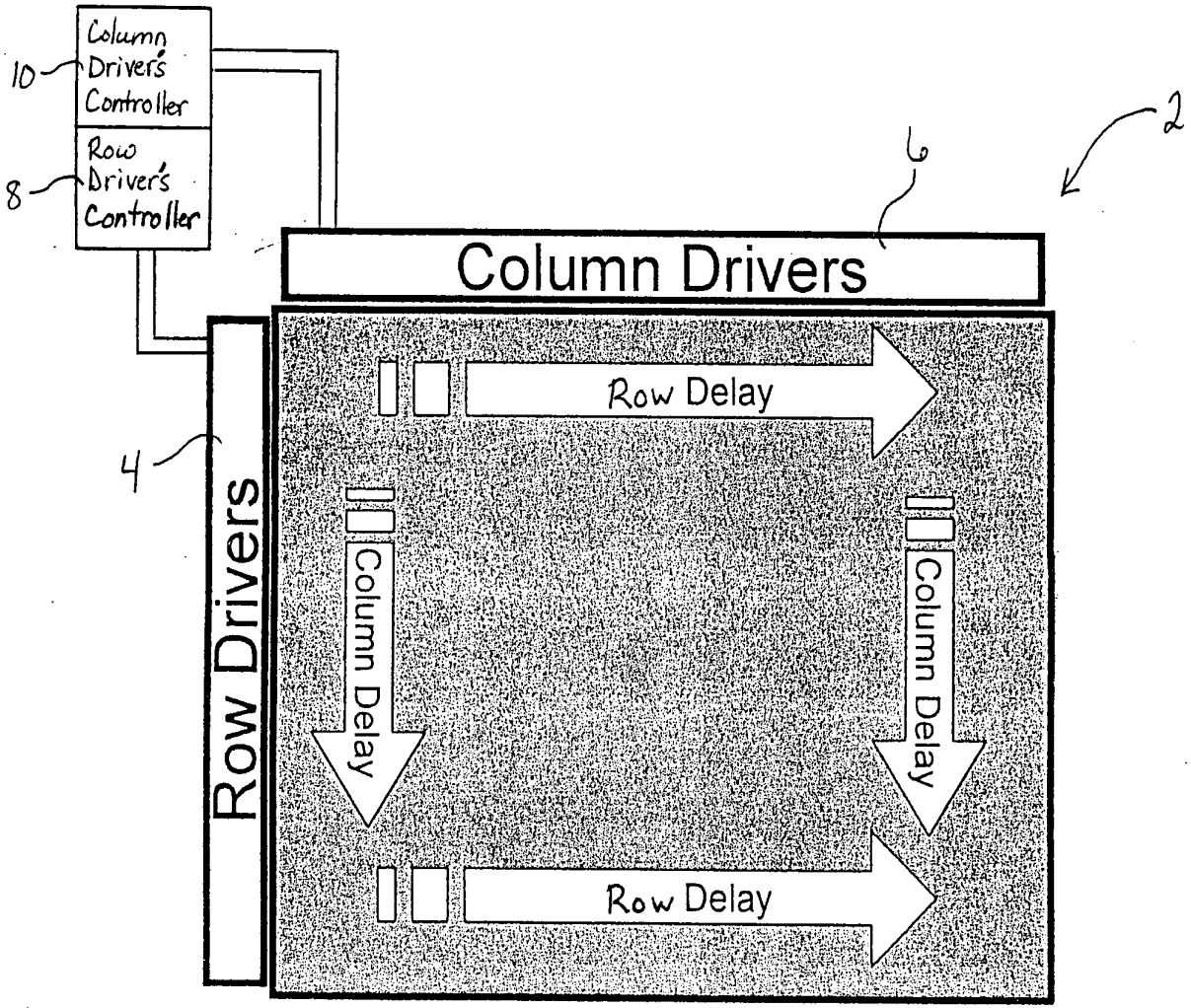

Figure 1

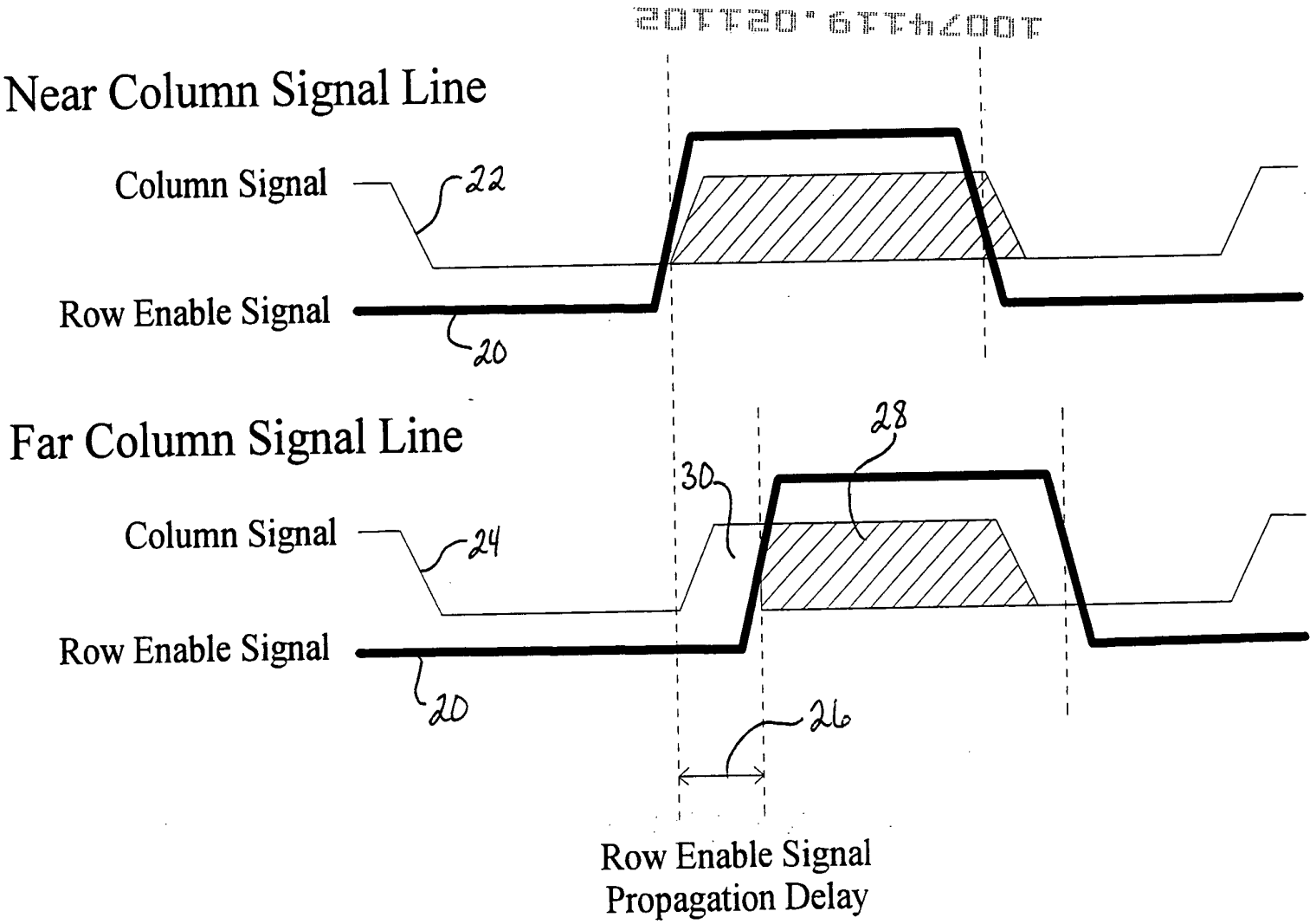
Near Column Signal Line
Column Signal
22
Row Enable Signal
20
Far Column Signal Line
28
30
Column Signal
24
Row Enable Signal
20
26
Row Enable Signal
Propagation Delay

FIGURE 2

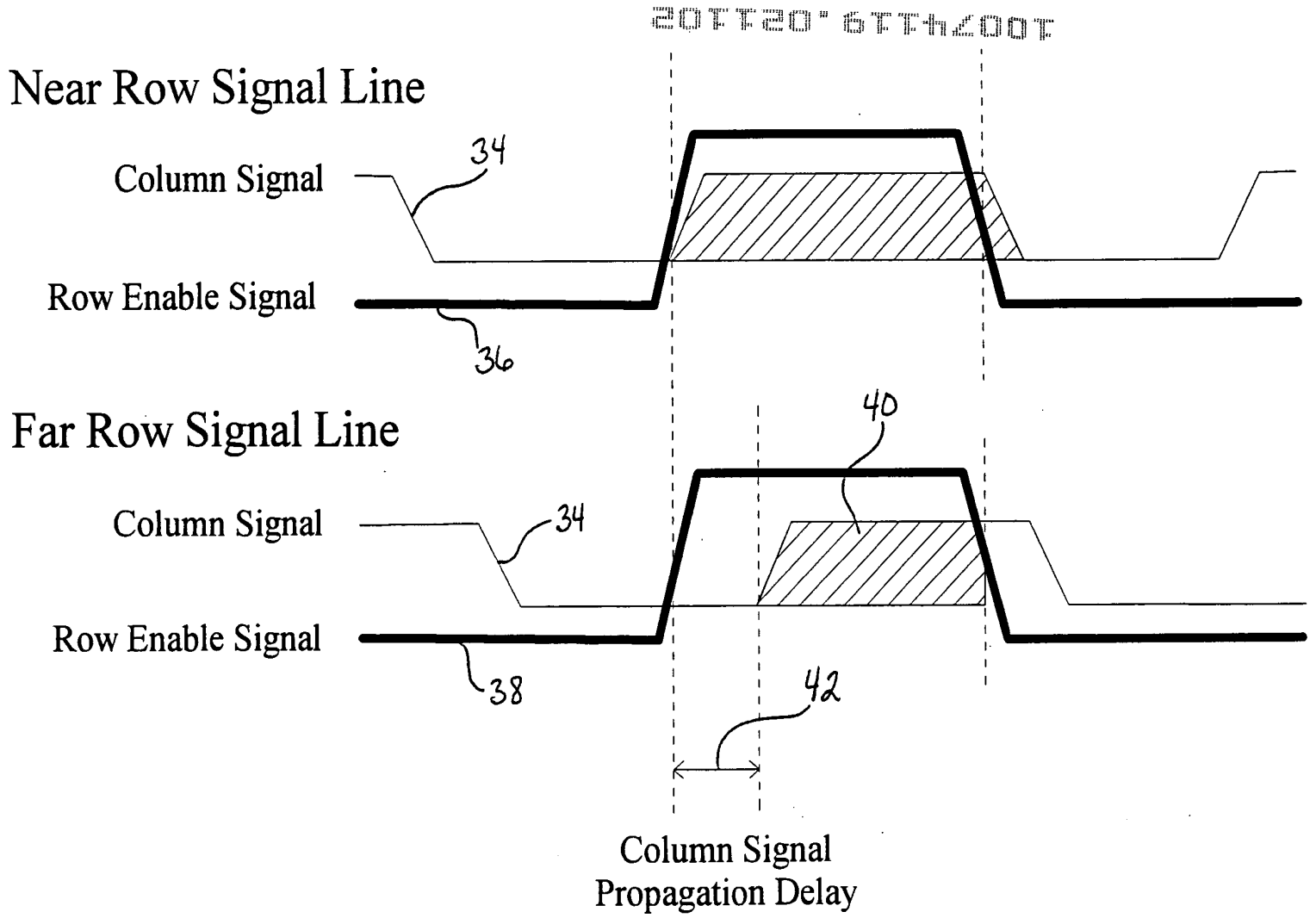
Near Row Signal Line
Column Signal
34
Row Enable Signal
36
Far Row Signal Line
40
Column Signal
34
Row Enable Signal
38
42
Column Signal
Propagation Delay

FIGURE 3

20T20 6TTh2007

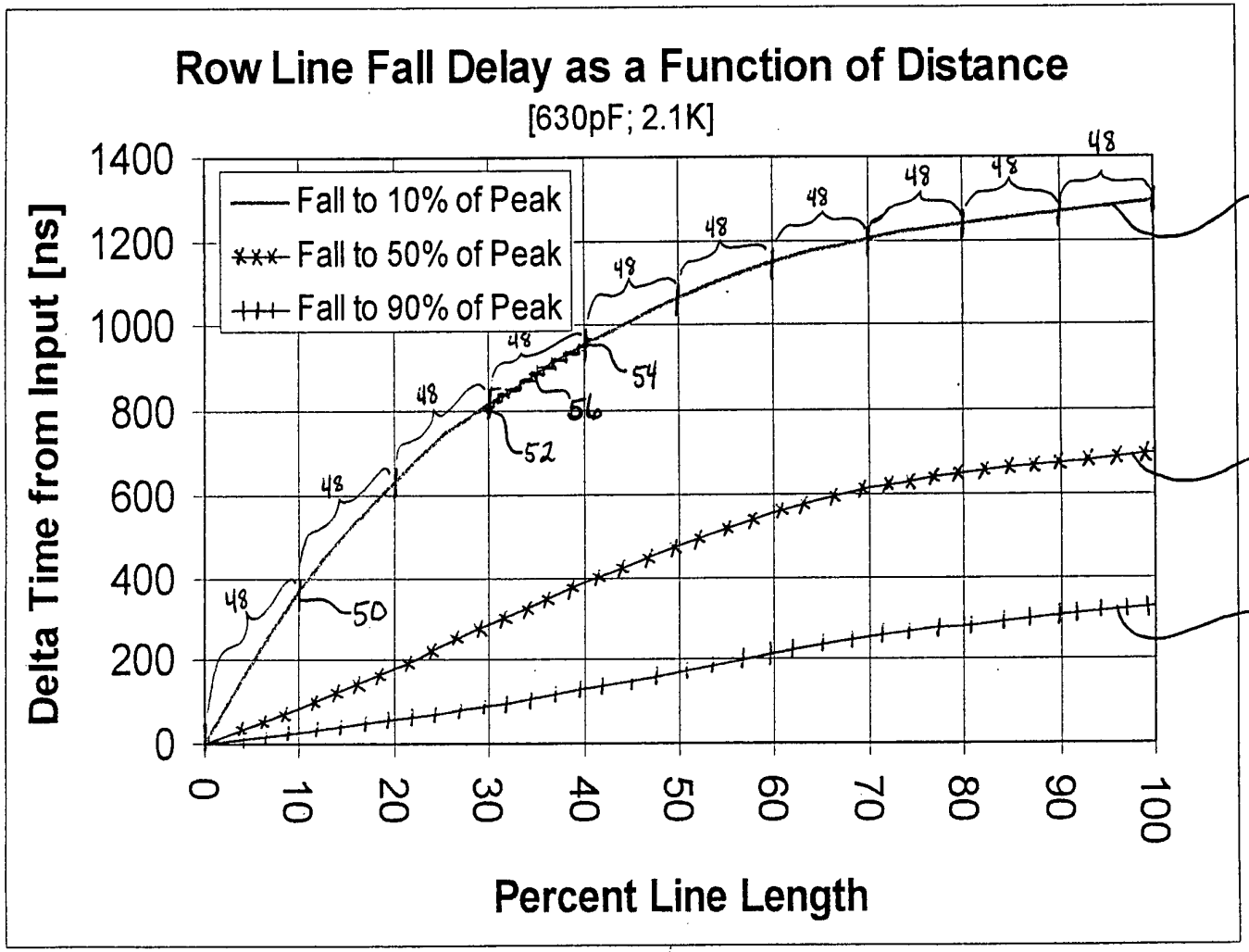

Figure 4

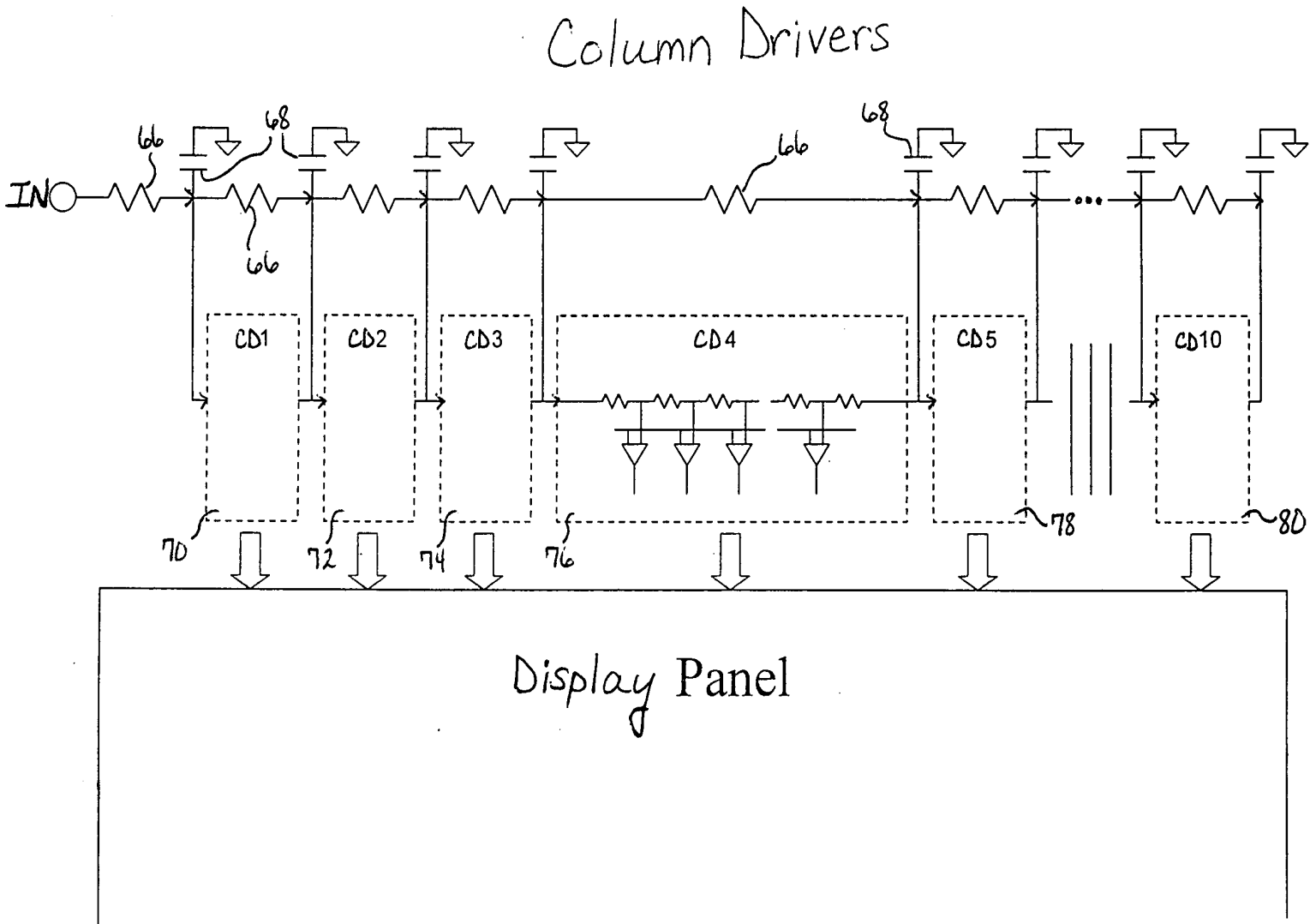
Column Drivers
IN
66
68
66
66
68
CD1
CD2
CD3
CD4
CD5
CD10
70
72
74
76
78
80
Display Panel

Figure 5

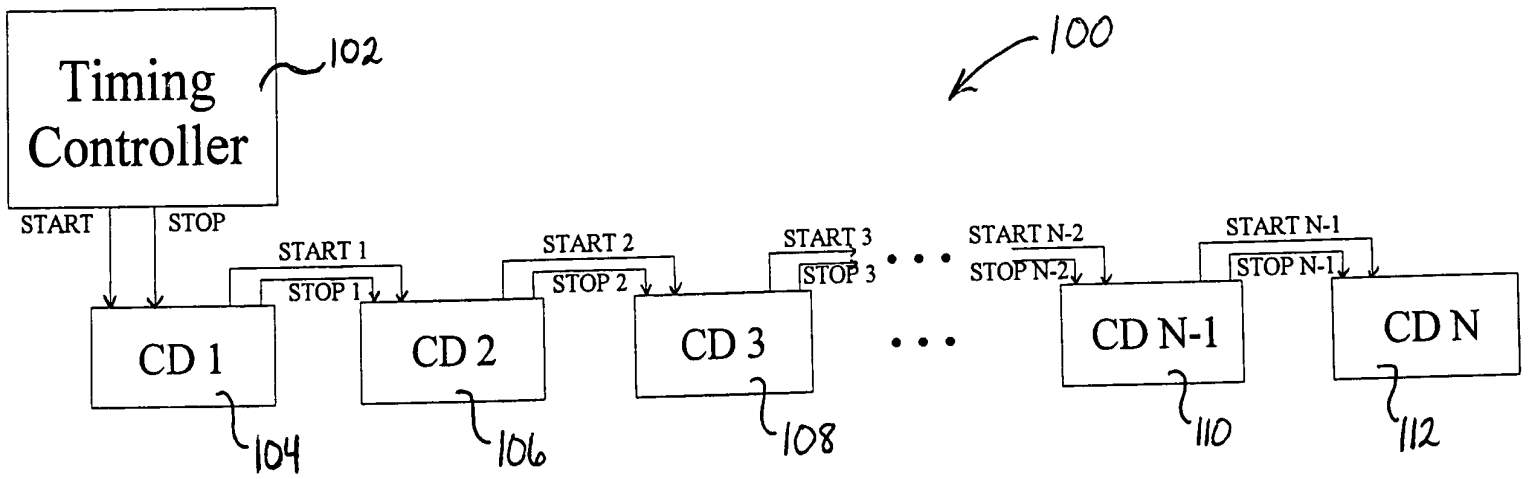
Timing Controller
102
100
START
STOP
START 1
STOP 1
START 2
STOP 2
START 3
STOP 3
START N-2
STOP N-2
START N-1
STOP N-1
CD 1
CD 2
CD 3
CD N-1
CD N
104
106
108
110
112

FIGURE 6

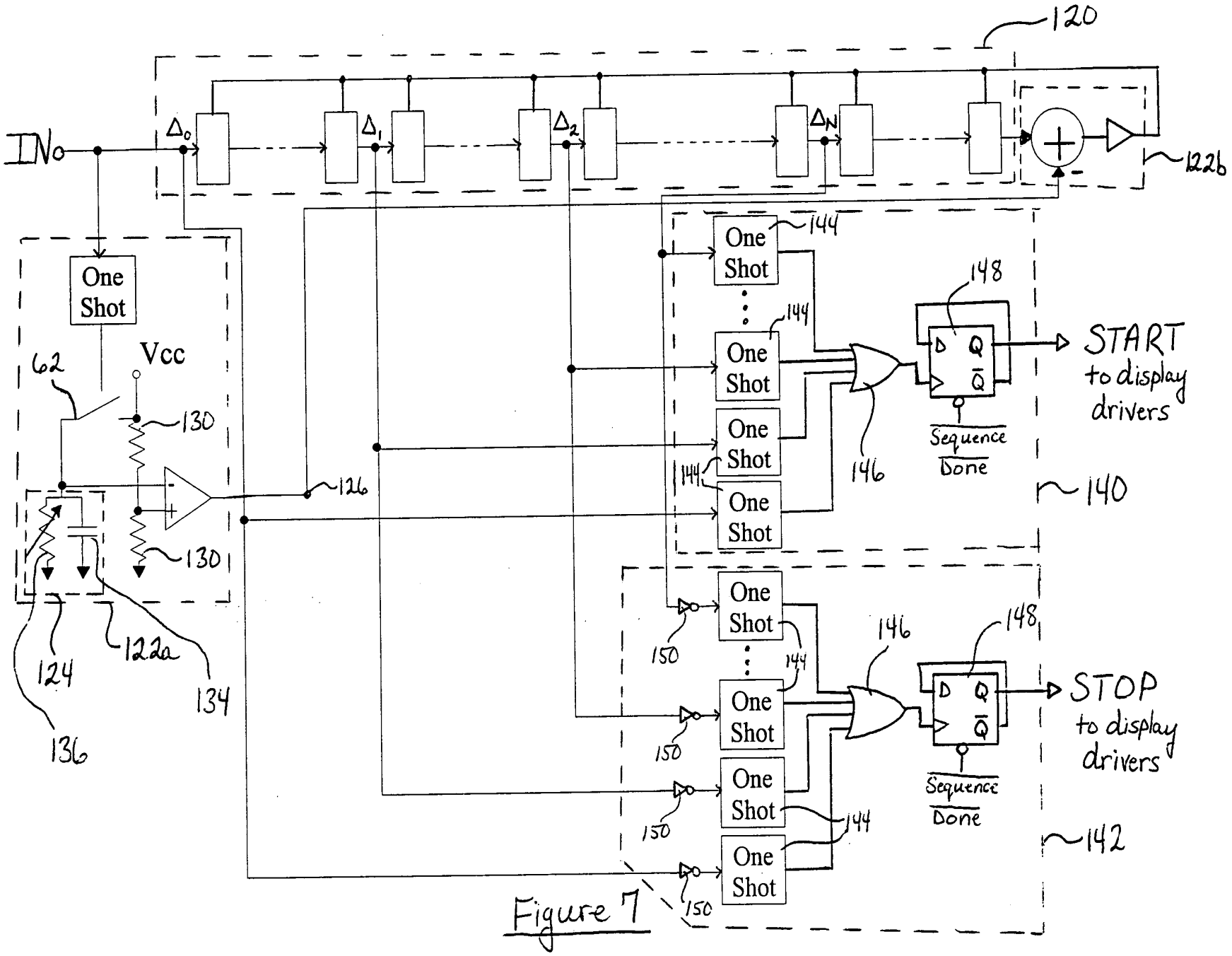
120
IN
Δ_0
Δ_1
Δ_2
Δ_N
122b
One Shot
62
Vcc
130
126
130
124
122a
134
136
144
148
146
Sequence Done
START to display drivers
140
150
STOP to display drivers
142

Figure 7

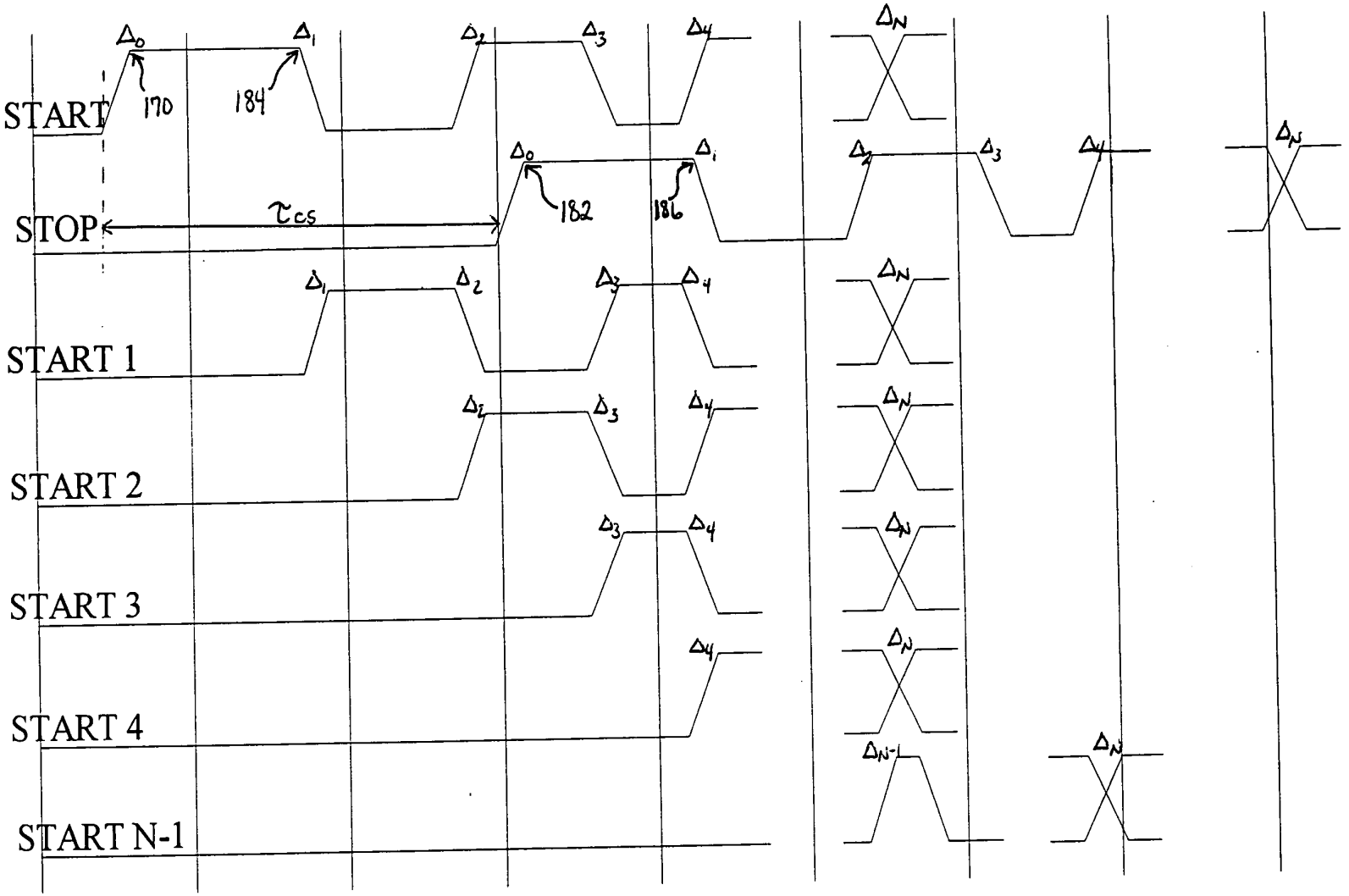
START
STOP
START 1
START 2
START 3
START 4
START N-1
170
184
182
186
τ_{cs}

FIGURE 8

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Column Driver Timing

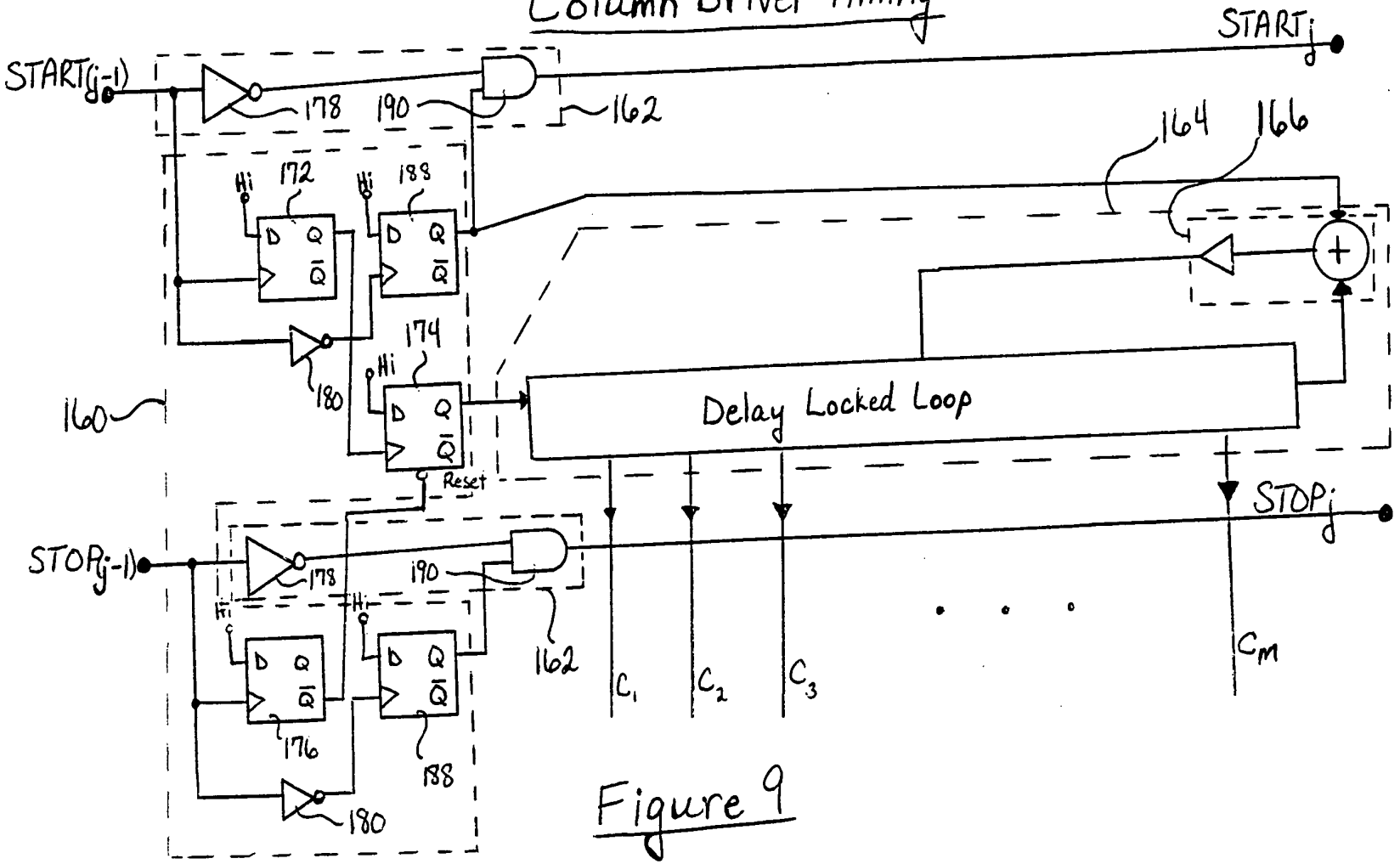

Figure 9

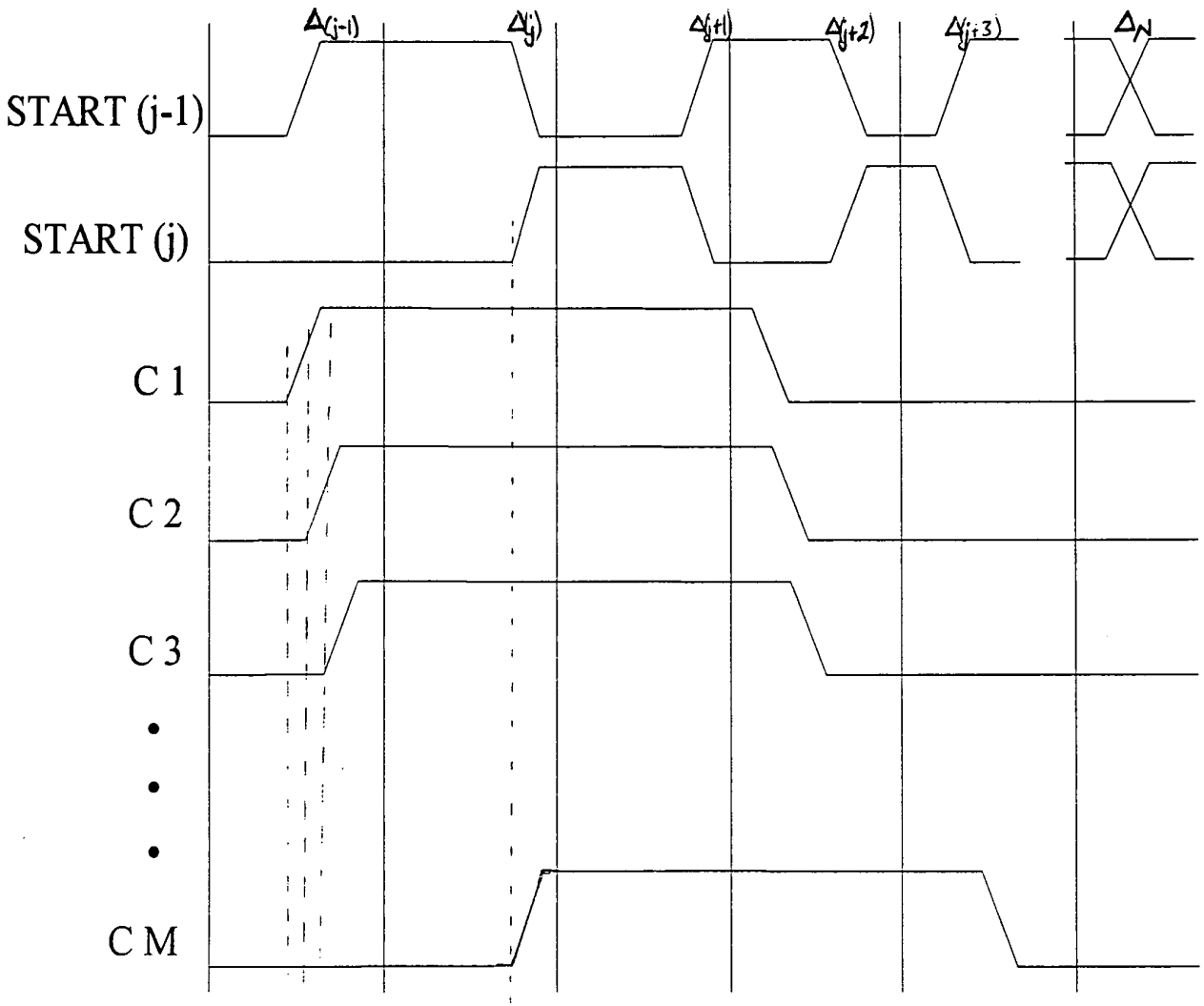

FIGURE 10

20TT20 6TTh2007

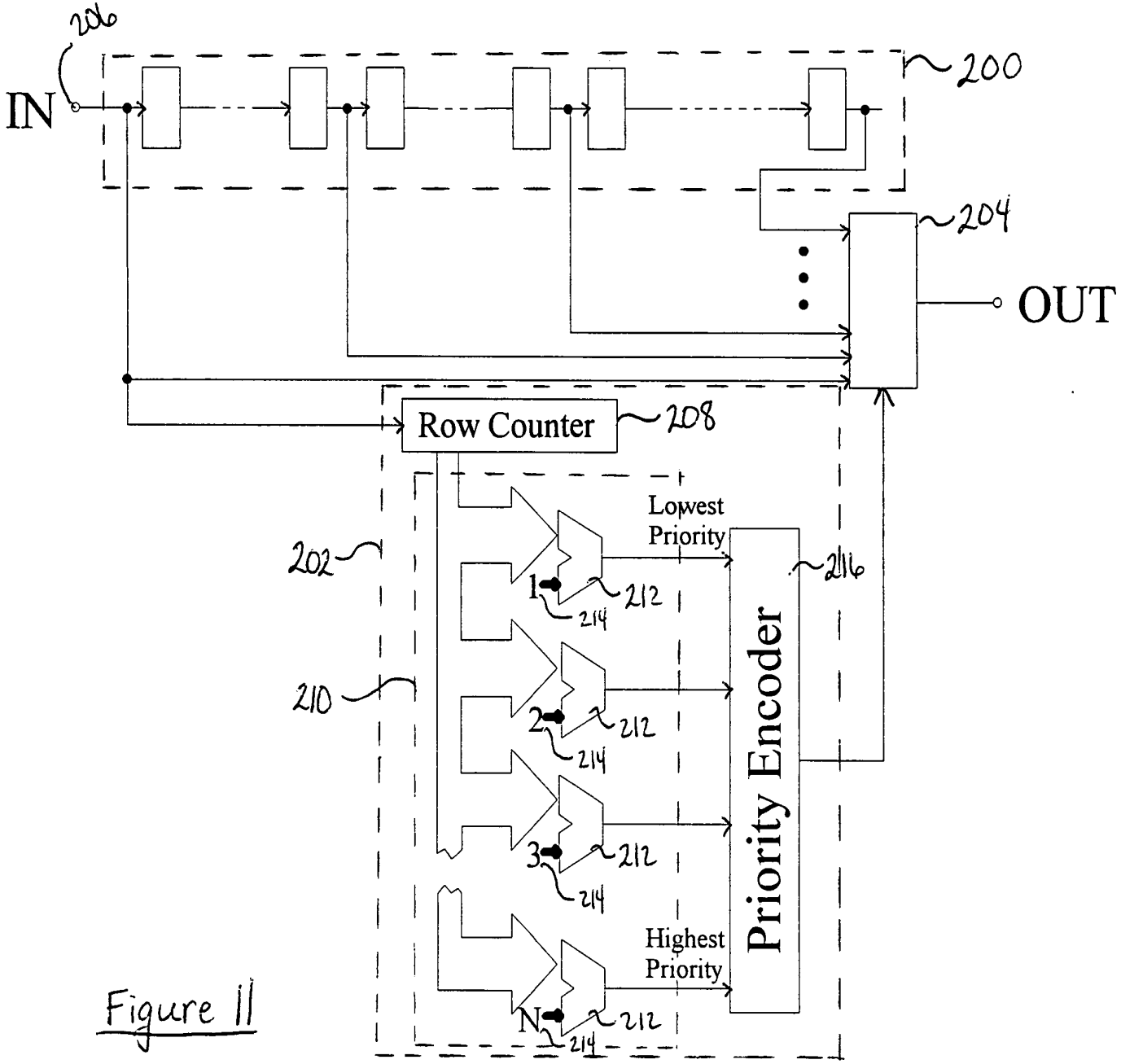

Figure 11

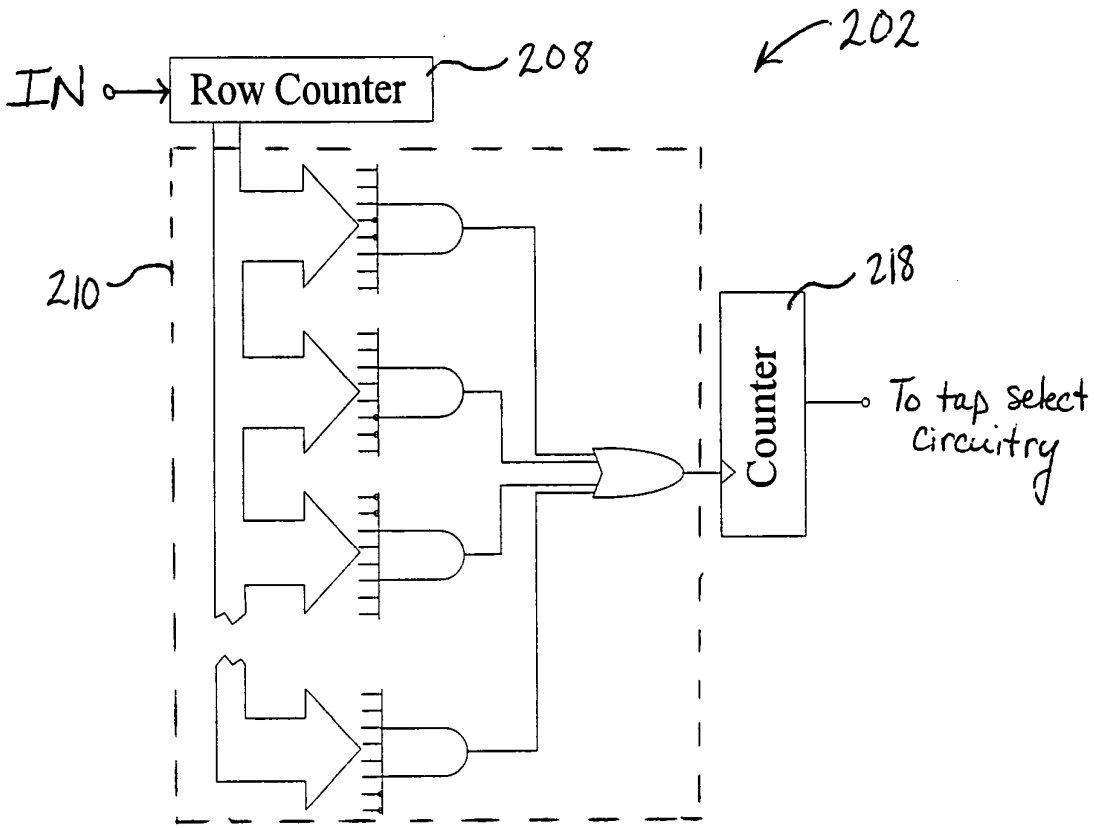
IN
Row Counter
208
202
210
218
Counter
To tap select circuitry

FIGURE 12